

WHAT IS CLAIMED IS:

- 1 1. A disposable transducer seal comprising:
2 a membrane being substantially transparent to ultrasound energy, said
3 membrane being non-porous to water and acoustic coupling fluids;
4 a retainer having a substantially annular configuration for holding said
5 membrane; and
6 a means for mating said retainer with a transducer housing.
- 1 2. The device of claim 1, wherein the membrane is a thermo-formable
2 polyimide.
- 1 3. The device of claim 1, wherein the retainer further comprises an
2 electronic recognition device.